

IN THE CLAIMS:

The following listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Original) A liquid crystal display device comprising:

- a scanning line over a substrate;
- a signal line intersecting the scanning line over the substrate;
- a pixel electrode electrically connected to the scanning line and the signal line over the substrate; and
- an opposed electrode over the pixel electrode,

wherein the pixel electrode contains a main face, a first face closer to the opposed electrode than the main face, and a second face closer to the opposed electrode than the first face,

wherein the first face is extended along the scanning line, and

wherein the second face is adjacent to an intersection between the scanning line and the signal line.

2. (Original) A liquid crystal display device according to claim 1, wherein the liquid crystal display device is driven by a gate line inversion drive.

3. (Original) A liquid crystal display device according to claim 1, wherein the liquid crystal display device is incorporated in one selected from the group consisting of a personal computer, a video camera, a mobile computer, a goggle type display, a DVD player, a digital camera, a projector, a portable telephone, and a portable electronic book.

4. (Original) A liquid crystal display device comprising:

a plurality of pixel electrodes over a substrate, each of the plurality of pixel electrodes containing a main face, and first to fourth end portions enclosing the main face, wherein the first end portion is extended along a first scanning line, and the third end portion is extended along a second scanning line adjacent to the first scanning line, and wherein the second end portion is extended along a first signal line and interposed between the first end portion and the third end portion, and the fourth end portion is extended along a second signal line adjacent to the first signal line and interposed between the first end portion and the third end portion; and

an opposed electrode over the plurality of pixel electrodes,

wherein the second end portion and the fourth end portion are at a same height as the main face, and the first end portion and the third end portion are disposed closer to the opposed electrode than the main face,

wherein two end portions of the first end portion are further closer to the opposed electrode than the center of the first end portion, and

wherein two end portions of the third end portion are further closer to the opposed electrode than the center of the third end portion.

5. (Original) A liquid crystal display device according to claim 4, wherein the liquid crystal display device is driven by a gate line inversion drive.

6. (Canceled)

7. (Original) A liquid crystal display device according to claim 4, wherein the plurality of pixel

electrodes are adjacent to each other such that a distance between the second end portion of one pixel electrode and the fourth end portion of the other pixel electrode is 2.0 μm or less.

8. (Original) A liquid crystal display device according to claim 4, wherein the two end portions of the first end portion are closer by 0.5 μm or more to the opposed electrode than the central portion of the first end portion.

9. (Original) A liquid crystal display device according to claim 4, wherein the two end portions of the third end portion are closer by 0.5 μm or more to the opposed electrode than the central portion of the third end portion.

10. (Original) A liquid crystal display device according to claim 4, wherein the liquid crystal display device is incorporated in one selected from the group consisting of a personal computer, a video camera, a mobile computer, a goggle type display, a DVD player, a digital camera, a projector, a portable telephone, and a portable electronic book.

11-19. (Canceled)

20. (Original) A liquid crystal display device comprising:

a scanning line over a substrate;

a signal line intersecting the scanning line over the substrate;

a pixel electrode electrically connected to the scanning line and the signal line over the substrate; and

an opposed electrode over the pixel electrode,

wherein the pixel electrode contains a main face, and a first face closer to the opposed electrode than the main face, and

wherein the first face is extended along the scanning line.

21. (Original) A liquid crystal display device according to claim 20, wherein the liquid crystal display device is driven by a gate line inversion drive.

22. (Original) A liquid crystal display device according to claim 20, wherein the liquid crystal display device is incorporated in one selected from the group consisting of a personal computer, a video camera, a mobile computer, a goggle type display, a DVD player, a digital camera, a projector, a portable telephone, and a portable electronic book.

23-25. (Canceled)

26. (New) A liquid crystal display device comprising:

a scanning line over a substrate;

a signal line intersecting the scanning line over the substrate;

a pixel electrode electrically connected to the scanning line and the signal line over the substrate; and

an opposed electrode over the pixel electrode,

wherein the pixel electrode contains a main face, and a first face closer to the opposed electrode than the main face, and

wherein the first face is extended along the scanning line and is disposed at an edge of the main face.

27. (New) A liquid crystal display device according to claim 26, wherein the liquid crystal display device is driven by a gate line inversion drive.

28. (New) A liquid crystal display device according to claim 26, wherein the liquid crystal display device is incorporated in one selected from the group consisting of a personal computer, a video camera, a mobile computer, a goggle type display, a DVD player, a digital camera, a projector, a portable telephone, and a portable electronic book.

29. (New) A liquid crystal display device comprising:

a plurality of pixel electrodes over a substrate, each of the plurality of pixel electrodes containing a main face, and first to fourth end portions enclosing the main face, wherein the first end portion is extended along a first scanning line, and the third end portion is extended along a second scanning line adjacent to the first scanning line, and wherein the second end portion is extended along a first signal line and interposed between the first end portion and the third end portion, and the fourth end portion is extended along a second signal line adjacent to the first signal line and interposed between the first end portion and the third end portion; and

an opposed electrode over the plurality of pixel electrodes,

wherein the first end portion and the third end portion are disposed closer to the opposed electrode than the main face,

wherein two end portions of the first end portion are further closer to the opposed electrode than the

center of the first end portion, and

wherein two end portions of the third end portion are further closer to the opposed electrode than the center of the third end portion.

30. (New) A liquid crystal display device according to claim 29, wherein the liquid crystal display device is driven by a gate line inversion drive.

31. (New) A liquid crystal display device according to claim 29, wherein the plurality of pixel electrodes are adjacent to each other such that a distance between the second end portion of one pixel electrode and the fourth end portion of the other pixel electrode is $2.0\text{ }\mu\text{m}$ or less.

32. (New) A liquid crystal display device according to claim 29, wherein the two end portions of the first end portion are closer by $0.5\text{ }\mu\text{m}$ or more to the opposed electrode than the central portion of the first end portion.

33. (New) A liquid crystal display device according to claim 29, wherein the two end portions of the third end portion are closer by $0.5\text{ }\mu\text{m}$ or more to the opposed electrode than the central portion of the third end portion.

34. (New) A liquid crystal display device according to claim 29, wherein the liquid crystal display device is incorporated in one selected from the group consisting of a personal computer, a video camera, a mobile computer, a goggle type display, a DVD player, a digital camera, a projector, a portable telephone, and a portable electronic book.

3/8/04

REMARKS

We are in receipt of the Office Action dated November 7, 2003, and the following remarks are made in light thereof.

Claims 1-5, 7-10, 20-22 and 26-34 are pending in the application. Pursuant to the Office Action, claims 4, 5, 7-10 and 29-34 are allowed. Claims 1-3, 20-22 and 26-28 are rejected under 35 USC 112, first paragraph, for failing to comply with the enablement requirement. The examiner contends that, with respect to claims 1, 20 and 26, one cannot tell which face of the pixel electrode is the first face and which is the second face.

Applicant believes that the identification of the first and second faces is clear by reference to Figs. 3, 7, 8A and 8B. Assuming that the main face of the pixel electrode is 258 (in Fig. 7), the first face is 251, which extends along the scanning line 257A. The second face is 256A, which is adjacent to an intersection between the scanning line 257A and the single line 262B. Further, the first face 251 is closer to the opposed electrode 301 than the main face 258, as shown in a cross-sectional view taken along D-D' in Fig. 8B. In addition, the second face 256A is closer to the opposed electrode 301 than the first face 251 as shown in the cross-sectional view taken along C-C' in Fig. 8A.

Called on 4/6/04

cancel claims 1-3, 20-22, 26-28 3
attorney denied!!

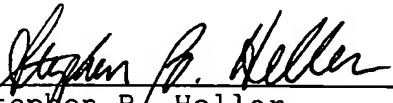


Accordingly, applicant believes that there is enablement with respect to the rejected claims and that, as such, all the claims in the application are in condition for allowance.

The examiner has also objected to the title to the invention as not being descriptive. Accordingly, the applicant has amended the title as indicated above.

Based upon the foregoing, applicant respectfully request the examiner to reconsider and allow the application.

Respectfully submitted,


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